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| PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF PRIOR ART CITED BY APPLICANT | ATTY. DOCKET NO. T10050 | SERIAL NO. 10/811,479 |
| | APPLICANT Barton L. Smith | |
| | FILING DATE March 25, 2004 | GROUP |

U.S. PATENT DOCUMENTS

| EXAMINER INITIALS | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|----|-----------------|---------------|-----------------|-------|----------|----------------------------|
| <i>ml</i> | AA | 4,599,551 | Jul. 8, 1986 | Wheatley et al. | — | — | |
| <i>ml</i> | AB | 4,625,517 | Dec. 2, 1986 | Müller | — | — | |
| <i>ml</i> | AC | 4,722,201 | Feb. 2, 1988 | Hofler et al. | — | — | |
| <i>ml</i> | AD | 4,858,441 | Aug. 22, 1989 | Wheatley et al. | — | — | |
| <i>ml</i> | AE | 4,948,360 | Aug. 14, 1990 | Wells | — | — | |
| <i>ml</i> | AF | 5,146,750 | Sep. 15, 1992 | Moscrip | — | — | |
| <i>ml</i> | AG | 5,329,768 | Jul. 19, 1994 | Moscrip | — | — | |
| <i>ml</i> | AH | 5,412,950 | May 9, 1995 | Hu | — | — | |
| <i>ml</i> | AI | 5,435,136 | Jul. 25, 1995 | Ishizaki et al. | — | — | |
| <i>ml</i> | AJ | 5,456,082 | Oct. 10, 1995 | Keolian et al. | — | — | |
| <i>ml</i> | AK | 5,465,578 | Nov. 14, 1995 | Barben et al. | — | — | |

FOREIGN PATENT DOCUMENTS

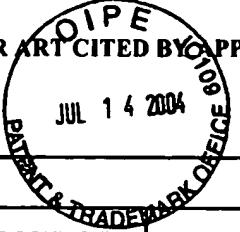
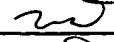
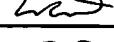
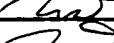
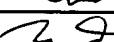
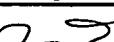
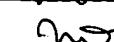
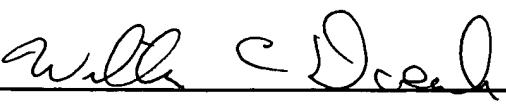
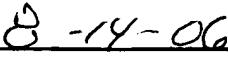
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION |
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OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available])

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|-----------|----|---|
| <i>ml</i> | AL | Smith et al., "Controlled Interactions of Adjacent Synthetic Jets," AIAA 99-0669: American Institute of Aeronautics and Astronautics Inc., pp. 1-21, 1999. |
| <i>ml</i> | AM | Smith et al., "Synthetic Jets at Large Reynolds Number and Comparison to Continuous Jets," AIAA 2001-3030: American Institute of Aeronautics and Astronautics Inc., pp. 1-19, 2001. |
| <i>ml</i> | AN | Swift, "Thermoacoustic engines," 84(4): J. Acoust. Soc. Am., pp. 1145-1179, October, 1988. |

| EXAMINER | DATE CONSIDERED |
|------------------------|-----------------|
| <i>Willa C. Dooley</i> | <i>8-14-06</i> |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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| U.S. PATENT DOCUMENTS | | | | | | |
| EXAMINER INITIALS | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|  AO | 5,758,823 | Jun. 2, 1998 | Glezer et al. | | | |
|  AP | 5,894,990 | Apr. 20, 1999 | Glezer et al. | | | |
|  AQ | 5,901,556 | May 11, 1999 | Hofler | | | |
|  AR | 5,957,413 | Sep. 28, 1999 | Glezer et al. | | | |
|  AS | 5,988,522 | Nov. 23, 1999 | Glezer et al. | | | |
|  AT | 5,996,345 | Dec. 7, 1999 | Hofler | | | |
|  AU | 6,123,145 | Sep. 26, 2000 | Glezer et al. | | | |
|  AV | 6,164,073 | Dec. 26, 2000 | Swift et al. | | | |
|  AW | 6,385,972 | May 14, 2002 | Fellows | | | |
|  AX | 2002/0172008 | Nov. 21, 2002 | Michael | | | |
| FOREIGN PATENT DOCUMENTS | | | | | | |
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES NO |
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| OTHER PRIOR ART (Including Author, Title, Volume and/or Name of Publication, Relevant Pages and Date [as available]) | | | | | | |
|  AY | | Abdel-Rahman et al., "Size considerations in interfacing thermoacoustic coolers with electronics," in 2002 <i>Inter Society Conference on Thermal Phenomena</i> , pp. 421-424, 2002. | | | | |
|  AZ | | Raspel et al., "Thermoacoustic sound source in the Helmholtz limit," 96(5): Journal of the Acoustical Society of America, p. 3221, November 1994. | | | | |
|  BA | | Rizzetta et al., "Numerical Investigation of Synthetic Jet Flowfields," AIAA 98-2910: American Institute of Aeronautics and Astronautics Inc., pp. 1-19, 1998. | | | | |
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